

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Assistant Secretary for Housing-Federal Housing Commissioner

TO: DIRECTORS, HOUSING DIVISION
DIRECTORS, MULTIFAMILY DIVISION
DIRECTORS, SINGLE FAMILY DIVISION

Series and Series Number:
(Supersedes issue dated
October 16, 1992 1083d
MATERIALS RELEASE NO.

ISSUE DATE: September 11, 1997

REVIEW DATE: September 11, 2000

SUBJECT: 1. Product Pleko Interior and Exterior Wall
Finish System

2. Name and Address
of Manufacturer

Pleko Systems International, Inc.
P.O. Box 98360
Tacoma, WA 98498-0360

Data on the nonstandard product, described herein have been reviewed by the Department of Housing and Urban Development (HUD) and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, or approval by HUD of the described product, and any statement or representation, however made, indicating such approval or endorsement by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Interior and exterior wall finish system.

DESCRIPTION:

The Pleko system consists of an acrylic polymer finish, a pigmented sealer that acts as a primer coat with inert fillers, a joint sealant system and fasteners.

GENERAL CONDITIONS:

The system shall be installed by an applicator who is approved by Pleko Systems International, Inc. Pleko Systems International, Inc. shall be responsible for certifying that the substrate meets the provisions of this Materials Release (MR) and APA recommendations for a substrate base with EIFS Systems. Pleko Systems International, Inc. shall maintain a current list of approved fasteners and joint sealant systems which are compatible with the Pleko Systems International, Inc.

MATERIALS:

The finish materials shall be in compliance with the requirements in the following Table:

Table 1 - Minimum Performance Requirements

Property	Requirements	Test Method
Accelerated Weathering 2000 hours	No Effect on Color or Texture	ASTM G 23
Water Vapor		
a. Permeability	12.00 perms	ASTM E 96
b. Transmission	4.5 grains/ hrs. sq. ft.	
Flame Spread, max.	25 rating	ASTM E 84
Bonding Strength, min.	45.0 psi	ASTM C 32
Density, min.	45.0 pcf	ASTM C 90

The plywood substrate shall be a minimum of 1/2" nominal thickness and shall be C-D grade or better with exterior glue in compliance with Department of Commerce Product Standard PS 1-95. If oriented strand board is used as a substrate, the oriented strand board shall have a phenolic glue designed under ANSI A 208.1 as Type 2, or Exposure 1. Pleko Systems International, Inc. shall certify that the specified substrate is suitable for the application of Pleko system. All edges and surfaces shall be coated with the recommended coatings and sealants. Caulking compounds, flashing, and weep procedures where required, shall be only those specified by Pleko Systems International, Inc.

APPLICATION:

The application of the Pleko system shall comply with Pleko installation instructions and the conditions of this MR.

1. No additives except specified amounts of water shall be allowed in any Pleko materials unless specifically approved by Pleko system.
2. The substrate shall be coated with the Pleko system sealants. All holes and joints shall be filled with Pleko Systems International, Inc. recommended joint compounds and coated with Pleko system finish materials, so that no portion of the joint is exposed. This requirement shall be carefully observed at the base of the installation, around doors and windows, around wall penetrations or openings as indicated by the Pleko installation instructions.
3. Enough water shall be added to the finish material in order to provide workability, but not to exceed 8 ounces of water for 5 gallons of finish mixture. The finish coat shall be applied so that 1 gallon covers no more than 20 square feet, and shall be a minimum of 1/16 thick and uniformly applied.

CERTIFICATION:

Pleko Systems International, Inc. shall review and approve, in writing, the plans and specifications for each project. The system shall be installed by a company whose applicators have been trained and approved by Pleko Systems International, Inc. Pleko Systems International, Inc. shall furnish the company applying the product with a certificate stating that the company is qualified to perform the work of installing the Pleko System International, Inc. Pleko Systems International, Inc. shall provide a copy of all certifications to the owner and to the local HUD Office.

MANUFACTURER'S WARRANTY:

Pleko Systems International, Inc. shall warrant the Pleko system for 20 years against faulty performance. The warranty shall include correction of delamination, chipping, denting, peeling, blistering, flaking, bulging, unsightly discoloration and other serious deterioration of the system. Should any such defects occur, Pleko Systems International, Inc. shall make a pro rata allowance for replacement, or pay the owner the amount of the allowance.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate user fee shall be sent to:

U. S. Department of Housing and Urban Development
Technical Suitability of Products Fees
P. O. Box 954199
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revision may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of this MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

This Materials Release is issued solely for the captioned firm,
and is not transferable to any person or successor entity.
